

RICK D. NYDEGGER  
BRENT P. LORIMER  
THOMAS R. VUKSINICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. VEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORE  
STERLING A. BRENNAN  
R. BURNS ISRAELSEN  
DAVID R. TODD  
DAVID B. DELLENBACH  
L. DAVID GRIFFIN  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED

# WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS



1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111  
TELEPHONE: (801) 533-9800  
FAX: (801) 328-1707  
WEBSITE: HTTP://WWW.WNLAW.COM

PATENT

Docket No. 15436.436.8

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ralph H. Johnson

Serial No.:

10/028,303

Filed:

December 28, 2001

For:

CURRENT CONFINEMENT, CAPACITANCE  
REDUCTION AND ISOLATION OF VCSELS  
USING DEEP ELEMENTAL TRAPS

Examiner:

James W. Davie

Patent No.:

6,738,409 B2

Issue Date:

May 18, 2004

Certificate

JAN 10 2006

of Correction

)  
)  
)  
)  
) Art Unit  
) 2828

### REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

01/06/2006 LWONDIM2 00000072 6738409

01 FC:1811

100.00 0P

\* Admitted only in California  
§ Admitted only in Virginia

JAN 11 2006



R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, PH.D.  
WILLIAM R. RICHTER  
ROBERT E. AYCOCK  
JENS C. JENKINS  
MICHAEL B. DODD  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
RYAN D. BENSON  
SARA D. JONES  
TIGE KELLER  
JANNA L. JENSEN  
MATTHEW D. TODD  
J. LAVAR OLDHAM  
MICHAEL J. FRODSHAM  
BRETT A. HANSEN  
BRETT I. JOHNSON  
MATTHEW A. BARLOW  
WESLEY C. ROSANDER  
ANDREW S. HANSEN  
CHAD E. NYDEGGER  
JOSEPH G. PIA  
CLINTON E. DUKE  
RYAN N. FARR  
JAMES B. BELSHE  
KIRK R. HARRIS  
KEELY SCHNEITER  
MICHAEL M. BALLARD  
DAVID A. JONES  
SHANE K. JENSEN  
JONATHAN M. BENNS, PH.D.

VERNON R. RICE §  
OF COUNSEL

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 29 day of December, 2005.

Respectfully submitted,



Eric L. Maschoff  
Attorney for Patentee  
Registration No. 36,596  
Customer No. 022913

ELM:jjb  
Docket: 15436.436.8  
PR0000001275V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 3<sup>rd</sup> day of January, 2006.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,  
PTO Form 1050 and Check No. 145259 for \$100.00

JAN 11 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,738,409 B2

DATED : May 18, 2004

INVENTOR(S) : Ralph H. Johnson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Column 1

Line 33, change "(GaAS)" to --(GaAs)--

Line 48, after "controlled to" change "resonant" to --resonate--

### Column 2

Line 20, after "wavelength" change "VCSELs" to --VCSEL--

### Column 3

Line 2, change "Inp" to --InP--

Line 9, after "Pd" insert --,

Line 60, before "example" insert --an--

Line 66, after "Pd" insert --,

### Column 4

Line 1, remove [100]

Line 7, remove [100]

Line 10, change "GaAS" to --GaAs--

Line 65, after "Pd" insert --,

### Column 5

Line 8, after "regions" change "extends" to --extend--

Line 9, before "through the conduction" change "possible" to --possibly--

Line 33, change "p type" to --p-type--

### Column 6

Line 18, after "Pd" insert --,

Line 30, change "Inp." to --InP.--

Line 53, after "Pd" insert --,

MAILING ADDRESS OF SENDER (Please do not use customer number)

Eric L. Maschoff  
WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT NO. 6,738,409 B2

No. of additional copies

→ 0

JAN 11 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,738,409 B2

DATED : May 18, 2004

INVENTOR(S) : Ralph H. Johnson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8

Line 2, after "Pd" insert —,—

MAILING ADDRESS OF SENDER (Please do not use customer number

Eric L. Maschoff  
WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT NO. 6,738,409 B2

No. of additional copies

→ 0

JAN 11 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,738,409 B2

DATED : May 18, 2004

INVENTOR(S) : Ralph H. Johnson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1

Line 33, change "(GaAS)" to --(GaAs)--

Line 48, after "controlled to" change "resonant" to --resonate--

Column 2

Line 20, after "wavelength" change "VCSELs" to --VCSEL--

Column 3

Line 2, change "Inp" to --InP--

Line 9, after "Pd" insert --,

Line 60, before "example" insert --an--

Line 66, after "Pd" insert --,

Column 4

Line 1, remove [100]

Line 7, remove [100]

Line 10, change "GaAS" to --GaAs--

Line 65, after "Pd" insert --,

Column 5

Line 8, after "regions" change "extends" to --extend--

Line 9, before "through the conduction" change "possible" to --possibly--

Line 33, change "p type" to --p-type--

Column 6

Line 18, after "Pd" insert --,

Line 30, change "Inp." to --InP.--

Line 53, after "Pd" insert --,

MAILING ADDRESS OF SENDER (Please do not use customer number)

Eric L. Maschoff  
WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT NO. 6,738,409 B2

No. of additional copies

 0

JAN 11 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,738,409 B2

DATED : May 18, 2004

INVENTOR(S) : Ralph H. Johnson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8

Line 2, after "Pd" insert —,—

MAILING ADDRESS OF SENDER (Please do not use customer number)

Eric L. Maschoff  
WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT NO. 6,738,409 B2

No. of additional copies

→ 0

JAN 11 2006